

OIPE

## RAW SEQUENCE LISTING

DATE: 10/30/2001

PATENT APPLICATION: US/09/975,063

TIME: 15:36:47

Input Set : A:\500582.03 Seq List 101001.txt

Output Set: N:\CRF3\10302001\I975063.raw

Does Not Comply  
Corrected Diskette Needed

## SEQUENCE LISTING

4 (1) GENERAL INFORMATION:  
 6 (i) APPLICANT: POWELL, Jerry S.  
 8 (ii) TITLE OF INVENTION: HUMAN ERYTHROPOIETIN GENE: HIGH LEVEL  
 9 EXPRESSION IN STABLY TRANSFECTED MAMMALIAN CELLS  
 11 (iii) NUMBER OF SEQUENCES: 6  
 13 (iv) CORRESPONDENCE ADDRESS:  
 14 (A) ADDRESSEE: Dorsey & Whitney, LLP  
 15 (B) STREET: Suite 3400, 1420 Fifth Avenue, U.S. Bank Centre  
 16 (C) CITY: Seattle  
 17 (D) STATE: Washington  
 18 (E) COUNTRY: USA  
 19 (F) ZIP: 98101  
 21 (v) COMPUTER READABLE FORM:  
 22 (A) MEDIUM TYPE: Floppy disk  
 23 (B) COMPUTER: IBM PC compatible  
 24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
 25 (D) SOFTWARE: WordPerfect 6/7/8  
 27 (vi) CURRENT APPLICATION DATA:  
 C--> 32 (A) APPLICATION NUMBER: US/09/975,063  
 C--> 33 (B) FILING DATE: 10-Oct-2001  
 35 (viii) ATTORNEY/AGENT INFORMATION:  
 36 (A) NAME: Roberts, Mark W..  
 37 (B) REGISTRATION NUMBER: 46,160  
 38 (C) REFERENCE/DOCKET NUMBER: 500582.03 (112893.109)  
 40 (ix) TELECOMMUNICATION INFORMATION:  
 41 (A) TELEPHONE: 206-903-8728  
 42 (B) TELEFAX: 206-903-8820

## ERRORED SEQUENCES

45 (2) INFORMATION FOR SEQ ID NO: 1:  
 47 (i) SEQUENCE CHARACTERISTICS:  
 48 (A) LENGTH: 2426 base pairs  
 49 (B) TYPE: nucleic acid  
 50 (C) STRANDEDNESS: single  
 51 (D) TOPOLOGY: linear  
 53 (ii) MOLECULE TYPE: DNA (genomic)  
 58 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
 E--> 60 CCCGGTGTGG TCACCCGGCG CGCCCCAGGT CGCTGAGGGA CCCCGGCCAG  
 61 GCGCGGAGAT 60  
 E--> 63 GGGGGTGCAC GGTGAGTACT CGCGGGCTGG GCGCTCCCGC CCGCCCGGGT  
 64 CCCTGTTTGA 120  
 E--> 66 GCGGGGATTT AGCGCCCCGG CTATTGGCCA GGAGGTGGCT GGGTTCAAGG  
 67 ACCGGCGACT 180  
 E--> 69 TGTCAGGAC CCCGGAAGGG GGAGGGGGGT GGGGCAGCCT CCACGTGCCA

60  
↓  
format error

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70 GCGGGGACTT 240  
E--> 72 GGGGGAGTCC TTGGGGATGG CAAAAACCTG ACCTGTGAAG GGGACACAGT  
73 TTGGGGGTTG 300  
E--> 75 AGGGGAAGAA GGTTTGGGGG GTTCTGCTGT GCCAGTGGAG AGGAAGCTGA  
76 TAAGCTGATA 360  
E--> 78 ACCTGGGCGC TGGAGCCACC ACTTATCTGC CAGAGGGGAA GCCTCTGTCA  
79 CACCAGGATT 420  
E--> 81 GAAGTTTGGC CGGAGAAGTG GATGCTGGTA GCCTGGGGGT GGGGTGTGCA  
82 CACGGCAGCA 480  
E--> 84 GGATTGAATG AAGGCCAGGG AGGCAGCACC TGAGTGCTTG CATGGTTGGG  
85 GACAGGAAGG 540  
E--> 87 ACGAGCTGGG GCAGAGACGT GGGGATGAAG GAAGCTGTCC TTCCACAGCC  
88 ACCCTTCTCC 600  
E--> 90 CTCCCCGCCT GACTCTCAGC CTGGCTATCT GTTCTAGAAT GTCCTGCCTG  
91 GCTGTGGCTT 660  
E--> 93 CTCCTGTCCC TGCTGTGCTC CCCTCTGGGC CTCCCAGTCC TGGGCGCCCC  
94 ACCACGCCTC 720  
E--> 96 ATCTGTGACA GCCGAGTCCT GCAGAGGTAC CTCTTGGAGG CCAAGAAGGC  
97 CGAGAATATC 780  
E--> 99 ACGGTGAGAC CCCTTCCCCA GCACATTCCA CAGAACTCAC GCTCAGGGCT  
100 TCAGGGAACT 840  
E--> 102 CCTCCCAGAT CCAGGAACCT GGCACCTGGT TTGGGGTGGA GTTGGGAAGC  
103 TAGACACTGC 900  
E--> 105 CCCCCTACAT AAGAATAAGT CTGGTGGCCC CAAACCATAC CTGGAAACTA  
106 GGCAAGGAGC 960  
E--> 108 AAAGCCAGCA GATCCTACGC CTGTGGCCAG GGCCAGAGCC TTCAGGGACC  
109 CTTGACTCCC 1020  
E--> 111 CGGGCTGTGT GCATTTCAGA CGGGCTGTGC TGAACACTGC AGCTTGAATG  
112 AGAATATCAC 1080  
E--> 114 TGTCCCAGAC ACCAAAGTTA ATTTCTATGC CTGGAAGAGG ATGGAGGTGA  
115 GTTCCTTTTT 1140  
E--> 117 TTTTTTTTTT CCTTCTTTT GGAGAATCTC ATTTGCGAGC CTGATTTTGG  
118 ATGAAAGGGA 1200  
E--> 120 GAATGATCGA GGGAAAGGTA AAATGGAGCA GCAGAGATGA GGCTGCCTGG  
121 GCGCAGAGGC 1260  
E--> 123 TCACGTCTAT AATCCCAGGC TGAGATGGCC GAGATGGGAG AATTGCTTGA  
124 GCCCCGGAGT 1320  
E--> 126 TTCAGACCAA CCTAGGCAGC ATAGTGAGAT CCCCCATCTC TACAAACATT  
127 TAAAAAATT 1380  
E--> 129 AGTCAGGTGA AGTGGTGCAT GGTGGTAGTC CCAGATATTT GGAAGGCTGA  
130 GGCAGGAGGA 1440  
E--> 132 TCGCTGGAGC CCAGGAATTT GAGGCTGCAG TGAGCTGTGA TCACACCACT  
133 GAACTCCAGC 1500  
E--> 135 CTCAGTGACA GAGTGAGGCC CTGTCTCAAA AAAGAAAAGA AAAAAGAAAA  
136 ATAATGAGGG 1560  
E--> 138 CTGTATGGAA TACGTTTATT ATTCATTCAC TCACTCACTC ACTCATTCAT  
139 TCATTCATTC 1620  
E--> 141 ATTCAACAAG TCTTATTGCA TACCTTCTGT TTGCTCAGCT TGGTGCTTGG  
142 GGCTGCTGAG 1680

*same  
err*

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Input Set : A:\500582.03 Seq List 101001.txt

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E--> 144 GGGCAGGAGG GAGAGGGTGA CATCCCTCAG CTGACTCCCA GAGTCCACTC  
145 CCTGTAGGTC 1740  
E--> 147 GGGCAGCAGG CCGTAGAAGT CTGGCAGGGC CTGGCCCTGC TGTCCGAAGC  
148 TGTCCTGCGG 1800  
E--> 150 GGCCAGGCCG TGTGGGTGAA CTCTTCCCAG CCGTGGGAGC CCCTGCAGCT  
151 GCATGTGGAT 1860  
E--> 153 AAAGCCGTCA GTGGCCTTCG CAGCCTCACC ACTCTGCTTC GGGCTCTGGG  
154 AGCCCAGGTG 1920  
E--> 156 AGTAGGAGCG GACACTTCTG CTTGCCCTTT CTGTAAGAAG GGGAGAAGGG  
157 TCTTGCTAAG 1980  
E--> 159 GAGTACAGGA ACTGTCCGTA TTCCTTCCCT TTCTGTGGCA CTGCAGCGAC  
160 CTCCTGTTC 2040  
E--> 162 CTCCTTGGCA GAAGGAAGCC ATCTCCCCTC CAGATGCGGC CTCAGCTGCT  
163 CCACTCCGAA 2100  
E--> 165 CAATCACTGC TGACACTTTC CGCAAACCTCT TCCGAGTCTA CTCCAATTTC  
166 CTCCGGGGAA 2160  
E--> 168 AGCTGAAGCT GTACACAGGG GAGGCCTGCA GGACAGGGGA CAGATGACCA  
169 GGTGTGTCCA 2220  
E--> 171 CCTGGGCATA TCCACCACCT CCCTCACCAA CATTGCTTGT GCCACACCCT  
172 CCCCCGCCAC 2280  
E--> 174 TCCTGAACCC CGTCGAGGGG CTCTCAGCTC AGCGCCAGCC TGTCCCATGG  
175 AACTCCAGT 2340  
E--> 177 GCCACCAATG ACATCTCAGG GGCCAGAGGA ACTGTCCAGA GAGCAACTCT  
178 GAGATCTAAG 2400  
180 GATGTCACAG GGCCAACTTG AGGGCC

2426

## VERIFICATION SUMMARY

DATE: 10/30/2001

PATENT APPLICATION: US/09/975,063

TIME: 15:36:48

Input Set : A:\500582.03 Seq List 101001.txt

Output Set: N:\CRF3\10302001\I975063.raw

L:28 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:29 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]  
L:32 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:33 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]  
L:60 M:254 E: No. of Bases conflict, Input:0 Counted:50 SEQ:1  
M:254 Repeated in SeqNo=1  
L:197 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2